

CLAIMS

What is claimed is:

1. An advanced intelligent network comprising:
 - a service logic execution environment (SLEE), said SLEE comprising an event handler for routing messages between and among client components and service components;
 - at least one service component configured to post and receive messages to and from other service components in said SLEE through said event handler; and
 - at least one Internet enabled service component (IESC) executing in said SLEE, said IESC configured to post and receive messages to and from other service components in said SLEE through said event handler, said IESC communicatively linked to a server side program external to said SLEE.
2. In a telephony environment having a service logic execution environment (SLEE), an Internet enabled service component (IESC) for use with the SLEE, said IESC comprising:
 - at least one client service instance, each said client service instance corresponding to an Internet service application; and
 - a service wrapper, said service wrapper providing a common interface to said at least one client service instance for routing events between the SLEE and said at least one client service instance.
3. The IESC of claim 2, said service wrapper further comprising a deployment descriptor for providing configuration information to the SLEE.
4. The IESC of claim 2, said service wrapper further comprising a service interface for publishing an interface to said service wrapper.

1 5. The IESC of claim 2, said service wrapper further comprising a protocol stack for
2 managing communications in the telephony environment.

1 6. The IESC of claim 2, said at least one client service instance further comprising
2 a content interface for publishing an interface to said client service instance.

1 7. The IESC of claim 2, wherein said IESC interacts with other generic service
2 components, external applications, service components, or protocol stacks.

1 8. A method for providing an external interface to a service logic execution
2 environment (SLEE) comprising an event handler for routing messages between
3 service components executing in the SLEE, said method comprising the steps of:
4 an Internet enabled service component (IESC) registering with the SLEE;
5 said IESC receiving a first event routed by the SLEE, said first event
6 corresponding to an Internet service application which the IESC has registered to
7 receive from the SLEE.

1 9. The method of claim 8, further comprising:
2 establishing a communications link between said IESC and said Internet service
3 application.

1 10. The method of claim 8, further comprising:
2 instantiating at least one client service instance for communicating with said
3 Internet service application, said client service instance interacting with said Internet
4 service application.

1 11. The method of claim 10, further comprising:

2 posting a second event to the SLEE responsive to said interaction between said
3 client service instance and said Internet service application, said second event
4 corresponding to said interaction.

1 12. The method of claim 8, wherein said first event is from a protocol stack.

1 13. The method of claim 8, wherein said first event is from a generic service
2 component.

1 14. The method of claim 8, wherein said first event is from a service component.

1 15. The method of claim 8, wherein said first event is from an external server side
2 program associated with said Internet service application.

1 16. A machine readable storage, having stored thereon a computer program having
2 a plurality of code sections executable by a machine for causing the machine to
3 perform the steps of:

4 an Internet enabled service component (IESC) registering with a service logic
5 execution environment (SLEE), the SLEE comprising an event handler for routing
6 messages between service components executing in the SLEE;

7 said IESC receiving a first event routed by the SLEE, said first event
8 corresponding to an Internet service application which the IESC has registered to
9 receive from the SLEE.

1 17. The machine readable storage of claim 16, further comprising:

2 establishing a communications link between said IESC and said Internet service
3 application.

1 18. The machine readable storage of claim 16, further comprising:
2 instantiating at least one client service instance for communicating with said
3 Internet service application, said client service instance interacting with said Internet
4 service application.

1 19. The machine readable storage of claim 18, further comprising:
2 posting a second event to the SLEE responsive to said interaction between said
3 client service instance and said Internet service application, said second event
4 corresponding to said interaction.

1 20. The method of claim 16, wherein said first event is from a protocol stack.

1 21. The method of claim 16, wherein said first event is from a generic service
2 component.

1 22. The method of claim 16, wherein said first event is from a service component.

1 23. The method of claim 16, wherein said first event is from an external server side
2 program associated with said Internet service application.